



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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May 18, 2001

CERTIFIED RETURN RECEIPT

7000 0520 0021 7582 9149

Duane Crutchfield
Ash Grove Cement Company
P.O. Box 51
Nephi, Utah 84648

Re: Second Review of Revised Notice of Intention to Commence Large Mining Operations, Ash Grove Cement Company, Leamington Mine, M/023/004, Juab County, Utah

Dear Mr. Crutchfield:

The Division has completed a review of your response to our October 6, 2000, letter regarding the Revised Notice of Intention to Commence Large Mining Operations for the Leamington mine, located in Juab County, Utah, which was received June 27, 2000. After reviewing this information, the Division has a few remaining comments which will need to be addressed before tentative approval may be granted. The application is very close to receiving tentative approval. The comments are listed below under the applicable Minerals Rule heading. Please format your response in a similar fashion. If possible, please provide a response to this review by June 18, 2001.

The Division will suspend further review of the Leamington mine revision until your response to this letter is received. If you have any questions in this regard please contact me, Tom Munson or Doug Jensen of the Minerals Staff. If you wish to arrange a meeting to sit down and discuss this review, please contact us at your earliest convenience. Thank you for your cooperation in completing this permitting action.

Sincerely,

D. Wayne Hedberg
Permit Supervisor
Minerals Regulatory Program

REVIEW OF NOTICE OF INTENTION TO COMMENCE LARGE MINING OPERATIONS

**Ash Grove Cement Company
Leamington Mine
2nd Review
M/023/004**

R647-4-105 - Maps, Drawings & Photographs

105.3 Drawings or Cross Sections (slopes, roads, pads, etc.)

In Section 105.3.14 the plan states that the Chaffing Quarries A, B, C, F, & H will not be reclaimed because they represent prior disturbances. Because quarries B & C were reimpacted during Ash Grove's operation (temporary storage of kiln waste dust) the Division believes the pit floors in these quarries that were impacted by this activity should be ripped and seeded at closure. (DJ)

R647-4-111 - Reclamation Practices

111.1 Public safety & welfare

1.15 Constructing berms/fences above highwalls

Berms will need to be placed around the highwalls of pits. (DJ)

111.2 Reclamation of natural channels

The revised plan states that all ponds will be removed and drainages reestablished. It does not delineate the new drainage channel locations clearly or provide any sizing criteria for the drainage leaving the site entering the Sevier River. Please show on the reclamation map the location of the new established drainages. Please show the configuration of the channels and the peak flow capacity of those channels using the 100 year- 6 hour storm event. If any culverts are to remain or be implemented, please include those locations on a map and identify what size they will be. These culverts must support the flow characteristics of the site and have to be maintained by someone. Please identify who would maintain these structures if required after the mine is reclaimed. (TM)

111.8 All roads & pads reclaimed

The North and South road left for site access will need to be reclaimed down to a nominal 12 foot width. The excess width will need to be ripped and seeded, in areas where the road has sidecast, a trackhoe will needed to pull back material to reduce road width. (DJ)

R647-4-112 - Variance

A variance to Rule R647-4-111.7 - Highwalls - has been requested to allow highwalls of 63 degrees (2v:1h) on the sidewalls of the Northeast reserve block and the Southwest expansion area pits. **This variance is granted provided that the ongoing studies outlined in Dr. Seegmiller's report continue to demonstrate highwall stability.** All reports, results, and pit design changes as a result of these studies, should be filed with the Division. (DJ)

The variance request to allow the north and south roads as shown on the Reclamation Treatments map is granted, provided that the road widths are reduced to a nominal 12 foot width. (DJ)

Form MR-REV, section VI. , Variance to (Rule R647-4-112), Ash Grove states the there were no new variance requests (highwalls were previously granted a variance). Section R647-4-112 of the

Page 2
Second Review
M/023/004
May 18, 2001

application has included an additional request for a variance to Rule R647-4-111.8 Roads and Pads. The MR-REV form should be corrected to include this request. (DJ)

R647-4-113 - Surety

Reclamation calculations for demolition of the North road access have been removed from the surety. The Division's variance (under section R647-4-112) allows the road to remain at a reduced 12 foot width. Cost to reduce the width of the South Road to a 12 foot nominal width should be included in the surety estimate.

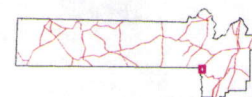
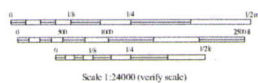
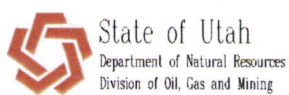
The concrete associated with the reload facility and asphalt will still need to be removed; therefore, the costs will need to be included in the surety estimate. (DJ)

R647-4-115 - Confidential Information

Material marked "Confidential" will be removed from the plan before being placed in the public files. (DJ)

[illegible]

Minername: LEAMINGTON CEMENT PLANT
Operator: ASH GROVE CEMENT COMPANY
S15 W03 Section 04



Juab County